LOUIS J. KNOBBE DON W. MARTENS GORDON H. OLSON" JAMES B. BEAR DARRELL L. OLSON DARRELL L. OLSON'
WILLIAM B. BUNKER
WILLIAM H. NIEMAN
LOWELL ANDERSON
ARTHUR S. ROSE'
JAMES F. LESNIAK
NED A. ISRAELSEN
DREW S. HAMILTON
JERRY T. SEWELL JERRY T. SEWELL
JONN B. SGANGA, JR.
EDWARD A. SCHLATTER
GERARD VON HOFFMANN
JOSEPH R. RE
CATHERINE J. HOLLAND
JOHN M. CARSON
KAREN VOGEL WEIL'
ANDREW H. SIMPSON
JEFFREY L. VAN HOOSEAR
DANIEL E. ALTMAN
ERNEST A. BEUTLER
MARGUERITE L. GUNN
STEPHEN C. JENSEN
VITO A. CANUSO III
WILLIAM H. SHREVE
LYNDA J. ZADRA—SYMES†* LYNDA J. ZADRA-SYMES††

Ì

STEVER J. NATAUPSKY PAUL A. STEWART JOSEPH F. JENNINGS CRAIG S. SUMMERS ANNEMARIE KAISER BRENTON R. BABCOCK[†] BRENTON R. BABCOCK!
THOMAS F. SMEGAL, JR.
MICHAEL H. TRENHOLM
DIANE M. REED
JONATHAN A. BARNEY
JOHN R. KING
FREDERICK S. BERRETTA
NANCY WAYS VENSKO
JOHN P. GIEZENTANNER
ADEEL S. AKHTAR
RICHARD C. GILMORE
THOMAS R. ARNO
DAVIO N. WEISS THOMAS R. ARNO
DAVIO N. WEISS
DANIEL HART
JAMES T. HAGLER
DOUGLAS G. MUEHLHAUSER
LORI L. YAMATO
STEPHEN M. LOBBIN ANN A. BYUN
ROBERT F. GAZDZINSKI
FRED C. HERNANDEZ
STACEY R. HALPERN[†]
MICHAEL K. FRIEDLAND

A LIMITED LIABILITY PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS PATENT, TRADEMARK AND COPYRIGHT CAUSES 620 NEWPORT CENTER DRIVE SIXTEENTH FLOOR BEACH, CALIFORNIA 92660-8016 (949) 760-0404 FAX (949) 760-9502

INTERNET: WWW.KMOB.COM

BBE, MARTENS, OLSON & DE

DALE C. HUNT LEE W. HENDERSON DEBORAH S. SHEPHERD RICHARD E. CAMPBELL RICHARD E. CAMPBELI MARK M. ABUMERI JON W. GURKA KATHERINE W. WHITE JOSEPH J. BASISTA ERIC M. NELSON ALEXANDER C. CHEN MARK R. BENEDICT PAUL N. CONOVER JOHN P. MUSONE ROBERT J. ROBY SABING H. LEE KAROLINE A. DELANE KAROLINE A. DELANEY JOHN W. HOLCOMB JAMES J. MULLEN, III JOSEPH S. CIANFRANI JOSEPH M. REISMAŅ JOSEPH M. REISMAN
WILLIAM R. ZIMMERMAN
GLEN L. NUTTALL
ERIC S. FURMAN
DO TE KIM
TIRZAH ABE LOWE
GEOFFREY Y. IIDA
ALEXANDER S. FRANCO

OF COUNSEL JERRY R. SEILER

JAPANESE PATENT AT KATSUHIRO ARA

EUROPEAN PATENT ATT

MARTIN HELLEBRANDT

KOREAN PATENT ATTY

SCIENTISTS & ENGINEERS (NON-LAWYERS)

(NUN-LAWYENS)

MICHAEL L. FULLER**
NEIL S. BARTFELD**
DANIEL E. JOHNSON*
JEFFERY KOEPKE
KHURRAM RAHMAN
JENNIFER A. HAYNES
BRENDAN P. O NEILL
MARRINA G. MEI
THOMAS Y. NAGATA
JOHN M. GROVER**
JOHN M. GROVER**
ALAN C. GORDON
PETER M. MIDGLEY
IRFAN A. LATEEF IRFAN A. LATEEF AMY C. CHRISTENSEN SHEILA N. SWAROOP

Assistant Commissioner for Patents Washington, D.C. 20231

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

RECEIVED

Attorney Docket No.

MASIMO.056A

FEB 0 5 1999

Applicant(s)

Mohamed K. Diab et al.

Group 3700

For

IMPROVED SIGNAL

PROCESSING

APPARATUS AND METHOD

Attorney

Lee W. Henderson

"Express Mail"

Mailing Label No.

EL103699451US

Date of Deposit

February 2, 1999

I hereby certify that the accompanying

Transmittal in Duplicate; Check for Filing Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the

Assistant Commissioner for Patents, Washington, D.C. 20231.

Bonald L. King

F:\DOCS\LWH\LWH-3230.DOC: clk 020299